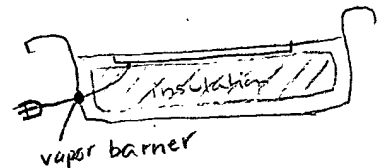


IN THE CLAIMS:

Dec 1 Claims 1-4 (Cancelled).

B2 Claim 5 (New). A sheet metal panel for a roof covering or wall cladding, comprising:
first and second cover shees, said first cover sheet being an internal cover sheet facing toward the roof cover or wall cladding, and said second cover sheet being an external cover sheet facing away from the roof covering or wall cladding;
an intermediate layer made from a thermal insulating material disposed between said first and second cover sheets;
a plane photovoltaic element disposed on said second cover sheet, said plane photovoltaic element being a flexible laminate and being joined to said second cover sheet by a cold-bonding adhesive; and
an electric connecting cable connected to said plane photovoltaic element and extending through a sealed bore in said sheet metal panel.



Claim 6 (New). A sheet metal panel according to claim 5 wherein the plane photovoltaic element comprises amorphous silicon cells.

Claim 7 (New). A sheet metal panel according to claim 5 wherein the cold-bonding adhesive comprises a layer of bituminous material.

Serial No10/000,283

Attorney Docket No.: 20496-290

Claim 8 (New).

A sheet metal panel according to claim 5 further

comprising a closure to act as a vapor barrier disposed in or on said bore.

cont.
B3
cont.